



SEQUENCE LISTING

#5 RECEIVED
OCT 17 2001
TECH CENTER 1600/2900

<110> THE SALK INSTITUTE FOR BIOLOGICAL STUDIES
WEIGEL, Detlef
KARDAILSKY, Igor

<120> FLOWERING LOCUS T (FT) AND GENETICALLY
MODIFIED PLANTS HAVING MODULATED FLOWER DEVELOPMENT

<130> SALKINS.026DV1

<140> 09/845,849

<141> 2001-04-30

<150> 09/060,726

<151> 1998-04-15

<160> 13

<170> FastSEQ for Windows Version 4.0

<210> 1

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<212> DNA

<213> Arabidopsis thaliana

<400> 1

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<213> Arabidopsis thaliana

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	50						55				60				
Tyr	Thr	Leu	Val	Met	Val	Asp	Pro	Asp	Val	Pro	Ser	Pro	Ser	Asn	Pro
65					70					75				80	
His	Leu	Arg	Glu	Tyr	Leu	His	Trp	Leu	Val	Thr	Asp	Ile	Pro	Ala	Thr
			85					90					95		
Thr	Gly	Thr	Thr	Phe	Gly	Asn	Glu	Ile	Val	Cys	Tyr	Glu	Asn	Pro	Ser
			100					105					110		
Pro	Thr	Ala	Gly	Ile	His	Arg	Val	Phe	Ile	Leu	Phe	Arg	Gln	Leu	
	115					120					125				
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Arg	Glu	Phe	Ala	Glu	Ile	Tyr	Asn	Leu	Gly	Leu	Pro	Val	Ala	Ala	Val
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 aacaatataa acacgacacg atgaattcct gcagtgggac ttggattttc gtaacacaca 480
 atctcattgc caaagggtgt tccagttgta gcagggatag cagtcaccaa ccaatggaga 540
 tattctcgga ggtgaggggt gctaggactt ggaacatctg gatccaccat aaccaaagta 600
 tagaagttcc tgaggtcttc tccaccaatc tcaactcttg gcttgttttg aacctgagaa 660
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 <212> PRT
 <213> Rattus norvegicus

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<213> Arabidopsis thaliana

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Pro	Leu	Glu	Leu	His	Trp	Val	Ile	Pro	Gly	Thr	Thr	Asp	Phe	Gly	Lys
	50					55					60				
Glu	Val	Tyr	Glu	Pro	Arg	Pro	Gly	Ile	His	Arg	Val	Phe	Val	Leu	Phe
65					70					75				80	
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<213> Arabidopsis thaliana

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<212> PRT

<213> Rattus norvegicus

<400> 7

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			20					25					30		
Ser	Asp	Pro	Arg	Glu	Trp	His	Leu	Val	Val	Gly	Asp	Ser	Gly	Tyr	Pro
		35					40					45			
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<211> 106

<212> PRT

<213> Arabidopsis thaliana

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			20					25					30		
Leu	Tyr	Thr	Leu	Val	Met	Thr	Asp	Pro	Asp	Ala	Pro	Ser	Pro	Ser	Pro
		35					40					45			
Arg	Glu	Trp	His	Trp	Val	Val	Asp	Ile	Pro	Gly	Thr	Ser	Gly	Lys	Glu
	50					55					60				
Ile	Tyr	Pro	Arg	Pro	Pro	Gly	Ile	His	Arg	Tyr	Val	Leu	Phe	Arg	Gln
65					70				75					80	
Leu	Ser	Arg	Asn	Phe	Thr	Arg	Phe	Ala	Asp	Leu	Gly	Leu	Pro	Val	Ala
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<400> 11
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 20 25 30
 Val Glu Ile Gly Asp Leu Arg Tyr Thr Leu Val Met Asp Pro Asp Pro

		35				40				45					
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	50					55					60				
Thr	Phe	Gly	Glu	Ile	Val	Tyr	Glu	Pro	Pro	Gly	Ile	His	Arg	Val	Phe
65					70					75					80
Leu	Phe	Arg	Gln	Arg	Gly	Arg	Asn	Phe	Asn	Thr	Arg	Phe	Ala	Tyr	Leu
			85						90					95	
Gly	Leu	Pro	Val	Ala	Ala	Val	Phe	Asn	Gln	Arg	Glu	Arg	Arg		
			100					105						110	

<210> 13

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<212> PRT

<213> Homo sapiens

<400> 13

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